

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

1th Edition

[INTENDED USE]

The antigen/antibody pair can be used for quantifying natural and recombinant human CTXI in ELISA, CLIA, ELISPOT, Luminex, Immunochromatography and other immunoassays.

[CONTENTS AND PROPERTIES]

Content 1: Standard

Traits	Quantity	Vials	Components
Freeze-dried powder	300 ng/vial	1 vial	CTXI polypeptide in BSA solution

Content 2: Capture Antibody to CTXI

Quantity	167 µg	Vials	1 vial
Concentration	370 µg/mL	Host	Rabbit
Traits	Liquid	Buffer	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

Content 3: Biotin-labeled Competitor

Traits	Quantity	Vials	Components
Freeze-dried powder	65 µg/vial	1 vial	Biotin-labeled CTXI polypeptide in BSA solution

[REAGENT PREPARATION]

Bring all components to room temperature (18-25°C) and briefly spin or centrifuge the vials before use. Working solutions should be prepared and used immediately.

Standard: Reconstitute the Standard with Standard Diluent. Cloud-Clone's product of Diluent 1 (Catalog: IS051) is highly recommended.

Capture Antibody: Working concentration of 3 µg/mL is recommended, dilute the Ab with Coating Buffer. Cloud-Clone's product of Coating Buffer (Catalog: IS052) is highly recommended.

Biotin-labeled Competitor: Working concentration of 1.12 µg/mL is recommended, dilute the competitor with Dilution Buffer 2. Cloud-Clone's product of Dilution Buffer (Catalog: IS053) is highly recommended.

Notes: The recommended Cloud-Clone's products of diluents and buffers are validated in the lab, other reagents selected for use can alter the performance of an immunoassay.

[STORAGE]

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -20°C for eight months.

Please make all solutions fresh before the experiment.

Notes: Please avoid pollution.

[In-House Data]

3 µg/mL Capture Ab was used for competitive ELISA with detection range of 117.19-30,000pg/mL.